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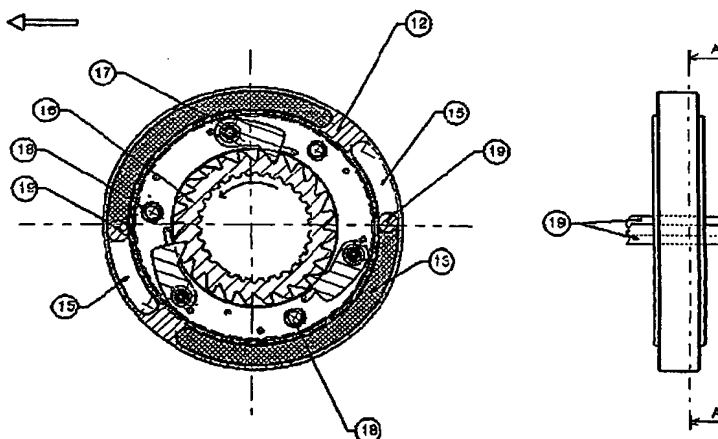
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(54) Title: ENERGY ABSORBING DEVICE AND SHOULDER BELT-TYPE VEHICLE SEATS COMPRISING SUCH ENERGY ABSORBING DEVICE



(57) Abstract: The invention relates to a vehicle seat for equipment with shoulder belts (24) connected to the seat backrest (21), comprising an energy absorbing device (1) acting on the seat backrest, wherein said energy absorbing device comprises deformable energy absorbing means (12), with at least one arcuate (13, 14) area of plastically fragmentable material, opposing the rotation of said seat backrest (21) with respect to a lower seat structure (20) in a first direction, corresponding to a forward-leaning movement of said seat backrest. The invention also relates to energy absorbing devices opposing the rotation of a first part (1) with respect to a second part (2) via deformable energy absorbing means (12) with an arcuate area (13, 14) of plastically fragmentable material, wherein the energy absorbing device comprises releasable retention means (16) subjecting every rotation of said first part with respect to said second part into a first direction to the reaction of said energy absorbing means and allowing the rotation of said first part with respect to said second part, into the direction opposite to said first direction, without acting on said energy absorbing means.

WO 2004/024560 A1